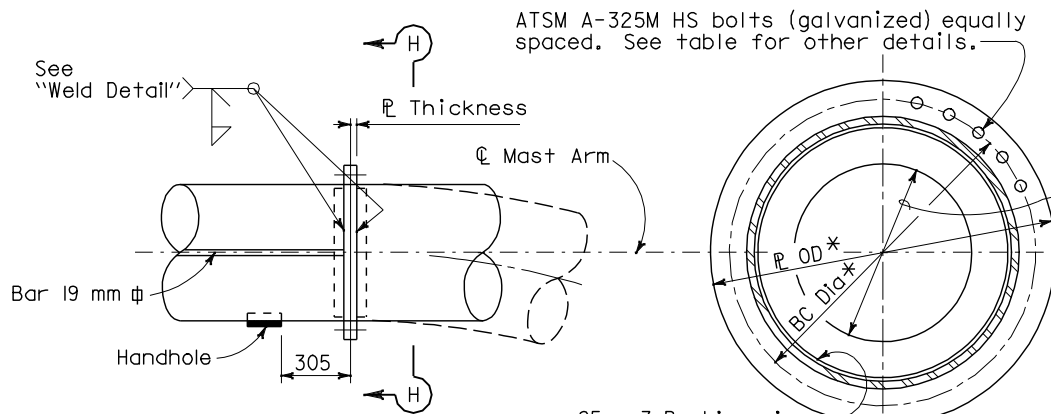


MAST ARM END DETAIL

(For "Single Post Type" only)

SHOP SPLICE



FIELD SPLICE

25 x 7 Backing ring. For welding details not shown see "Post Base Elevation"

Bolt pattern to be symmetrical about this axis

SECTION H-H

FIELD SPLICE TABLE

Pipe Dia NPS	P OD (mm) *	P Thickness (mm)	BC Dia (mm) *	HS Bolts
20	686	35	610	22-M24x3
24	788	38	711	26-M24x3
30	940	41.3	864	34-M24x3

NOTE

Design based on capacity of standard pipe.

NOTES

1. Place single thin bead of silicone caulking compound around hole prior to bolting. Caulking not to interfere with friction between plates in bolted area.
2. Prime and paint post interior from base to 150 mm above lower handhole unless post is galvanized.
3. "D" is inside diameter of post pipe.
4. Field splice diameters marked "*" may be increased 51 mm to facilitate bolting.

NPS = Nominal Pipe Size.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGNS-TUBULAR
STRUCTURAL FRAME
DETAILS No. 2

NO SCALE

ALL DIMENSIONS ARE IN
MILLIMETERS UNLESS OTHERWISE SHOWN

NSP S34 DATED DECEMBER 30, 2004 SUPERSEDES
RSP S40S DATED OCTOBER 26, 2000 AND STANDARD PLAN S40S
DATED JULY 1, 1999-PAGE 260 OF THE STANDARD PLANS BOOK DATED JULY 1999.

NEW STANDARD PLAN NSP S34

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

REGISTERED CIVIL ENGINEER

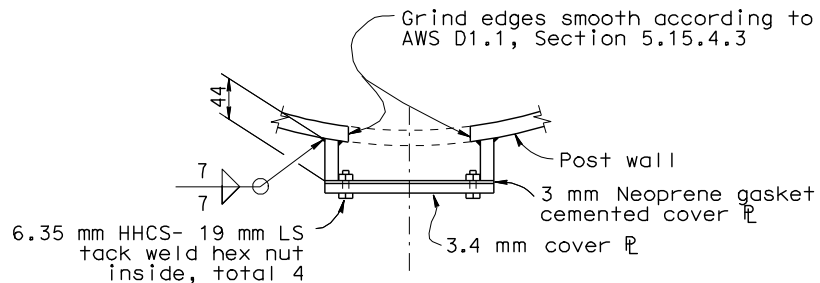
December 30, 2004
PLANS APPROVAL DATE

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

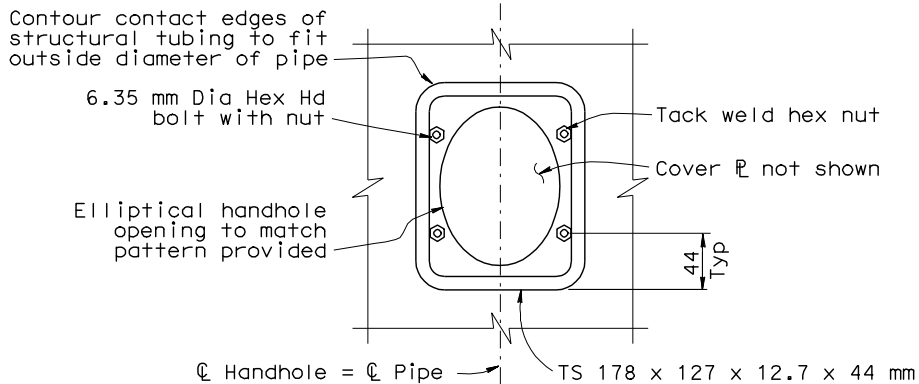
To get to the Caltrans web site, go to: <http://www.dot.ca.gov>

To accompany plans dated _____

REGISTERED PROFESSIONAL ENGINEER
Tillat Sattar
No. C42892
Exp. 3-31-06
CIVIL
STATE OF CALIFORNIA

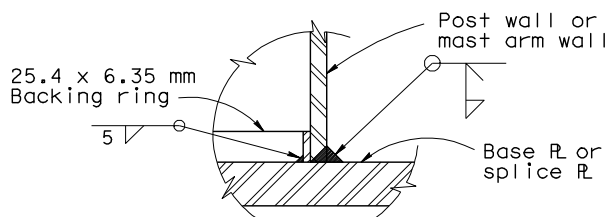


PLAN

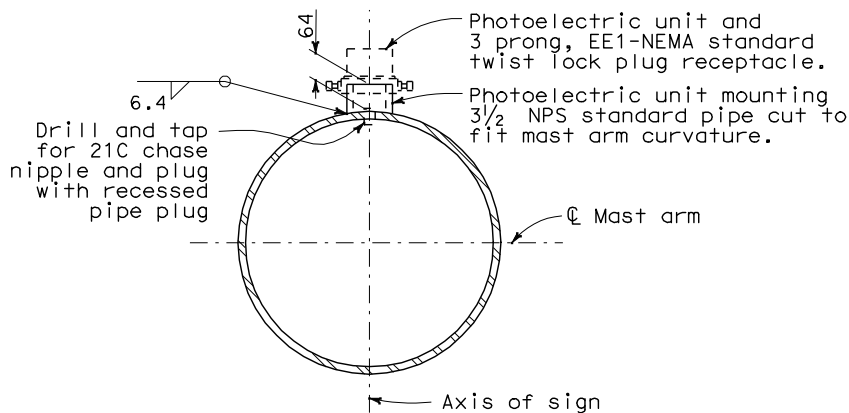


ELEVATION

DETAILS OF LOWER
HANDHOLE & COVER

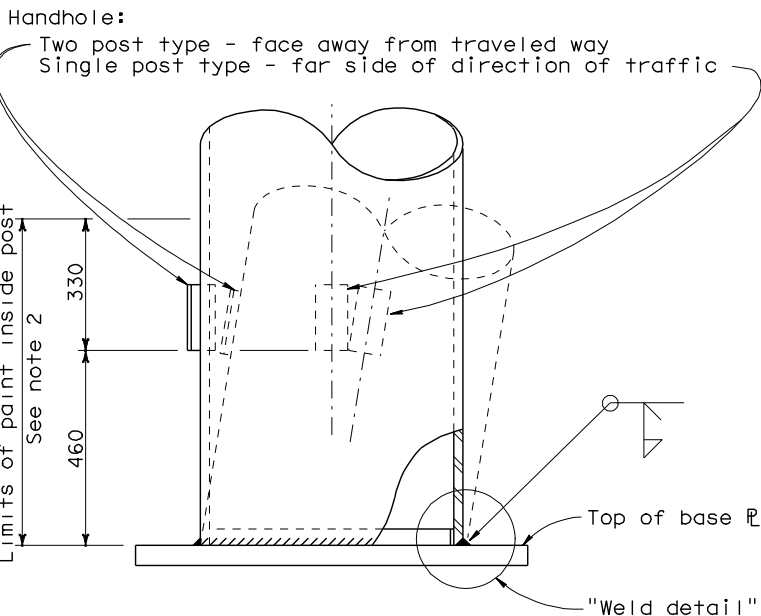


WELD DETAIL



PHOTOELECTRIC UNIT DETAILS

(See "Layout" sheet for location when required)



POST BASE ELEVATION

(For base plate details see "Basic Plate and Anchorage Detail" sheet)